

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
 Organization
 International Bureau



(43) International Publication Date
 27 May 2004 (27.05.2004)

PCT

(10) International Publication Number
 WO 2004/043263 A2

- (51) International Patent Classification⁷: **A61B 05/02**
- (21) International Application Number: **PCT/US2003/035474**
- (22) International Filing Date: **6 November 2003 (06.11.2003)**
- (25) Filing Language: **English**
- (26) Publication Language: **English**
- (30) Priority Data:
 P 020104280 7 November 2002 (07.11.2002) AR
- (71) Applicant (for all designated States except US): **BLOCK, David, Cesar [US/US]; 9299 Longmedow Circle, Boyton Beach, FL 33436-3137 (US).**
- (71) Applicant and
 (72) Inventor: **SILVA, Carlos, Daniel [AR/AR]; Calle 43 n° 183 - La Plata, Buenos Aires (AR).**
- (74) Agent: **LONDA, Bruce, S.; Norris McLaughlin & Marcus, 220 East 42nd Street, 30th Floor, New York, NY 10017 (US).**
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
 — without international search report and to be republished upon receipt of that report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MONITORING RESPIRATORY MOVEMENTS DEVICE

(57) Abstract: The present invention relates to a monitor respiration movements device to be used on humans and also on animals for controlling the respiration movements and specially to control the apnea periods on infants. Furthermore the present invention is related to reduce the mortality rate caused by the sudden instant death syndrome (SIDS). The device comprises an accelerometer and a micro controller, said accelerometer includes a motion detector and a plurality of output plugs, said micro controller includes a plurality of input sockets, wherein said plurality of output plugs are connected so said plurality of input sockets and the micro controller includes signal outputs which are connected to an alarm means.

WO 2004/043263 A2